**Course:** [62510 Master of Information Technology](https://handbooks.uwa.edu.au/coursedetails?id=c403&course-overview)

**Course Study Plan:** 2 Year Study Plan (96 Points) for Students Commencing Semester 1 2024

# Specialisation: Nil

Students who have completed degree studies in a non-cognate area, or equivalent as recognised by the School, must complete relevant conversion units up to the value of 24 points as determined by the School upon offer of admission and by the scope of a student’s prior study.

The following plan is for students requiring the maximum of four conversion units.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| YEAR 1 | SEM 1 | C CITS1401\*  Computational Thinking with Python  *Prereq: Maths Methods ATAR*  *or MATH1721* | C CITS1003  Introduction to Cybersecurity  *Prereq: Nil* | C CITS4407  Open Source Tools and Scripting  *Prereq: Nil* | O OPTION |
| SEM 2 | C CITS1402  Relational Database Management System  *Prereq: Maths Applications ATAR*  *or MATH1720* | C CITS2002\*\*  Systems Programming  *Prereq: CITS1401* | C CITS5506  The Internet of Things  *Prereq: CITS1401* | O OPTION |
| YEAR 2 | SEM 1 | C CITS5501  Software Testing and Quality Assurance  *Prereq: CITS2005 or CITS2002* | C CITS5505  Agile Web Development  *Prereq: CITS1401* | C CITS4401  Software Requirements and Design  *Prereq: CITS1401* | O OPTION |
| SEM 2 | C CITS5206  Information technology capstone project  *Prereq: 24 points of L4/L5 units* | C CITS5503  Cloud Computing  *Prereq: CITS2005 or CITS2002* | C GENG5505\*  Project Management and Engineering Practice | O OPTION |

Key: C Conversion unit C Core unit b Bridging unit O Optional unit \* Units offered in both semesters  
\*\* Conversion students can choose CITS2002 or CITS2005

Take units to the value of 24 points from this group:

|  |  |  |  |
| --- | --- | --- | --- |
| O CITS4009 (S2)  Computational Data Analysis  *Prereq: Nil* | O CITS4403 (S1)  Computational Modelling  *Prereq: Nil* | O CITS5508 (S1)  Machine Learning  *Prereq: CITS1401* | O CITS5017 (S2)  Deep Learning  *Prereq: CITS5508* |
| O CITS4404 (S1) | O CITS5504 (S1)  Data Warehousing  *Prereq: CITS1401 and CITS1402* | O CITS5507 (S2)  High Performance Computing  *Prereq: CITS1401+CITS4009) or CITS2002 or CITS2005* | O CITS4012 (S1)  Natural Language Processing  *Prereq: CITS1401* *(NB Sem 2 from 2025)* |
| Artificial Intelligence and |
| Adaptive Systems |
| *Prereq: CITS1401+CITS4009) or CITS2002 or CITS2005* |
|  |
| O ENVT4411\* | O GENG5507\*  Risk, reliability and Safety  *Prereq: MATH1011 & MATH1012* | O INMT5518 (S1)  Supply Chain Analytics  *Prereq: Nil* | O INMT5526 (S2)  Business Intelligence  *Prereq: INMT5518 or BUSN5002 or BUSN5101* |
| Geographic Information |
| System Applications |
| *Prereq: Nil* |
| O MGMT5504 \*  Data Analysis and Decision Making  *Prereq: Nil* | O AUTO4508 (S1)  Mobile Robots  *Prereq: CITS1401* |  |  |

\* This unit is available in semester 1, semester 2.

The course rules for the 62510 Master of Information Technology can be found at [uwa.edu.au/MIT-rules.](https://handbooks.uwa.edu.au/coursedetails?id=c403&rules) Information about unit availability should be checked at the beginning of each semester, details can be found at [UWA Timetable](https://www.uwa.edu.au/students/My-course/timetable) or [UWA Handbook.](https://handbooks.uwa.edu.au/majordetails?code=MJD-PHYSC)

This study plan is an example of a full-time load of four units per semester.

**Further Help!**

Refer to the [UniStart](https://www.uwa.edu.au/unistart) website for your step-by-step guide on planning your enrolment. If you need to discuss your study plan further, please contact the EMS Student Services Office asking a question at [askUWA,](https://ipoint.uwa.edu.au/) or drop in to the EMS Student Office, located in the [EZONE North Building.](https://www.web.uwa.edu.au/contact/map?id=1869)

*Information in this study plan is correct as of 31 August 2021 but is subject to change from time to time. In particular, the University reserves the right to change the unit availability and unit rules. Page 1 of 1*